Amdt. Dated: December 7, 2007

Reply to Office Action of June 7, 2007

## **Amendments to the Claims:**

No amendments to the claims have been made in this response. For Examiner's convenience, Applicant submits the following current and clean listing of claims:

## **Listing of Claims:**

What is claimed is:

1. (Previously Presented) A anti-scald Roman bathtub plumbing system for use with a the fill spout and sprayer, comprising:

a Roman bathtub deck;

a primary hot water supply pipe;

a primary cold water supply pipe;

a hot water control valve fluidically connected to the primary hot water supply pipe;

a cold water control valve fluidically connected to the primary cold water supply pipe;

a spout fluidically connected to the primary hot and cold water pipes downstream of the hot and cold water control valves; and

a thermostatic tempering valve fluidically connected to the primary hot water supply pipe at a location upstream of the hot water valve; wherein the thermostatic tempering valve operates to provide a maximum limit to the flow of hot water to the spout such that the spout outputs water characterized by a temperature below a predetermined maximum temperature.

2. (Previously Presented) The plumbing system of claim 1 wherein the thermostatic tempering valve is also fluidically connected to the primary cold water supply pipe, the thermostatic tempering valve comprises an inner chamber adapted to intermix hot and cold water; wherein the thermostatic tempering valve supplies water to the spout; and wherein the thermostatic tempering valve reduces pressure fluctuations of the water

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supplied to the spout.

3. (Previously Presented) The plumbing system of claim 1 further including a hand held shower sprayer extendably coupled to the bathtub deck; and a flexible hose hydraulically connecting the hand held shower sprayer to the thermostatic tempering valve; wherein the

thermostatic tempering valve supplies water to the hand held shower sprayer limits the

temperature of the water supplied to the hand held shower.

4. (Original) The plumbing system of claim 1 wherein the thermostatic tempering valve

further comprises an inner chamber adapted to intermix hot and cold water, wherein the

thermostatic tempering valve supplies water to the spout, wherein the thermostatic

tempering valve balances the temperature of the water supplied to the spout, and wherein

the thermostatic tempering valve balances the pressure of the water supplied to the spout.

5. (Previously Presented) A deck-mounted anti-scald plumbing assembly for a stand-

alone bathtub, comprising:

a free-standing bathtub deck portion;

a hot water supply;

a cold water supply;

hot and cold water control valves connected to the respective hot and cold water

supplies;

a fill member mounted to the bathtub deck portion and coupled to the hot and cold

water supplies downstream of the hot and cold water control valves; and

an anti-scald valve connected in hydraulic communication with at least the hot

water source at a position upstream from the hot water valve.

6. (Previously Presented) The system of claim 5 further comprising a hand held shower

sprayer and a flexible hose, wherein the anti-scald valve is connected in hydraulic

communication with the cold water supply at a position upstream from the hot water

valve, the flexible hose is hydraulically connected to the hot and cold water supply via

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the anti-scald valve-such that the hand held shower sprayer may be actuated

independently of the hot and cold water control valves to actuate a flow of water of

characterized by a substantially predetermined maximum temperature.

7. (Original) The system of claim 6 wherein the anti-scald valve is a thermostatic mixing

valve.

8. (Previously Presented) The system of claim 6 wherein the hand held shower sprayer

includes an actuation valve.

9. (Previously Presented) A method for controlling the temperature and pressure of water

flowing into a freestanding bathtub, comprising the steps of:

a) hydraulically connecting hot and cold water inputs of a thermostatic mixing

valve to hot and cold water sources, respectively;

b) hydraulically connecting an output of the thermostatic mixing valve to a

bathtub filler;

c) connecting hot and cold water control valves to the respective hot and cold

water sources at a position downstream from the thermostatic mixing valve and between

the hot and cold water sources and the bathtub filler; and

d) controlledly opening the thermostatic mixing valve to achieve a water flow into

the freestanding bathtub through the filler; wherein the water flowing into the bathtub is

characterized by a predetermined maximum temperature.

10. (Original) The method of claim 9 wherein the filler is a hand held shower head;

wherein the thermostatic mixing valve is adapted to supply water to the hand held shower

head; wherein the water has a predetermined maximum water temperature; and wherein

the predetermined maximum water temperature is controlled by the thermostatic mixing

valve.

11. (Original) The method of claim 9 wherein the filler is a spout; wherein the

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thermostatic mixing valve is adapted to supply water to the spout; wherein the water has

a predetermined maximum water temperature; and wherein the predetermined maximum

water temperature is controlled by the thermostatic mixing valve.

12. (Previously Presented) A deck-mounted anti-scald plumbing assembly for a stand-

alone bathtub, comprising:

a free-standing bathtub deck portion;

a hot water supply;

a cold water supply;

hot and cold water control valves connected to the respective hot and cold water

supplies;

a fill member mounted to the bathtub deck portion and fluidically coupled to the

hot and cold water supplies downstream of the hot and cold water control valves; and

an anti-scald valve connected in hydraulic communication with at least the hot

water source at a location upstream of the hot and cold water control valves; wherein

actuation of the fill member provides water below a predetermined temperature.

13. (Original) The assembly of claim 12 wherein the fill member is a spout.

14. (Original) The assembly of claim 12 wherein the fill member is a sprayer.

15. (Original) The assembly of claim 12 wherein the anti-scald valve is a thermostatic

mixing valve.

16. (Original) The assembly of claim 15 wherein the anti-scald valve is a pressure

balancing valve.

17. (Original) The assembly if claim 12 wherein the anti-scald valve is a thermostatic

mixing valve connected to the cold water supply.

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18. (Original) The assembly of claim 17 wherein the anti-scald valve is mounted to the

bathtub deck and further includes a handle member extending through the bathtub deck.

19. (Previously Presented) The assembly of claim 12 wherein the fill member is a spout

and the assembly further comprises a hand-held shower sprayer and a diverter, the

diverter coupled to the hot and cold water supplies via the anti-scald valve; the spout and

hand-held shower sprayer fluidically coupled to the hot and cold water supplies via the

diverter.

20. (Original) The assembly of claim 19 wherein the diverter is mounted to the bathtub

deck and further includes a handle extending through the deck.

21. (Original) The assembly of claim 19 wherein the diverter is integral to the spout.

22. (Cancelled)

23. (Previously Presented) The assembly of claim 12 further comprising a hand held

shower sprayer and secondary hot and cold water control valves connected between the

hand held shower sprayer and the respective hot and cold water supplies and wherein the

anti-scald valve is connected to the hot water supply at a position upstream from and the

secondary hot water control valve.

24. (Original) The assembly of claim 12 wherein the fill member is a spout and wherein

the anti-scald valve is mounted to the bathtub deck and further comprising a hand held

shower sprayer mounted to the bathtub deck and a diverter mounted to the bathtub deck;

wherein the diverter further includes a diverter handle member extending through the

bathtub deck; wherein the anti-scald valve further includes an anti-scald valve handle

extending through the bathtub deck; wherein the diverter is hydraulically connected to the

anti-scald valve; and wherein the sprayer is hydraulically connected to the diverter.

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